EXHIBIT B (Part II)

- 1 partial revolution machine that is slow motion
- 2 compared to the -- you know, to -- to punch
- 3 presses and has -- the general purpose of the
- 4 machine has you migrating and spending lots of
- 5 time between strokes.
- 6 The -- it is a completely different
- 7 animal, and I thought one of your witnesses did
- 8 a wonderful job of educating you on the
- 9 differences between the two machines.
- 10 Q. Is a -- is riding the pedal the most
- 11 prevalent cause of accidental activation of
- 12 power presses?
- 13 A. Yes.
- 14 Q. And is it true that the more difficult
- 15 it is to step into and out of a foot control the
- 16 more likely it is that operators will ride the
- 17 peda1?
- 18 A. Yes.
- 19 Q. Is it also true that the -- that
- 20 85 percent of all machine accidents are caused
- 21 by the user and only 5 percent of machine
- 22 accidents are caused by the machine?
- 23 A. Yes. Those were the statistics that I
- 24 have published.

- 1 relation to gates and the use of gates that your
- 2 writings and your teachings have indicated that
- 3 they increase a danger of riding the pedal?
- 4 A. They decrease one danger, they increase
- 5 another one. That's what the whole purpose of
- 6 my work is.
- 7 Q. My question is very straightforward.
- 8 Would it be true that your teachings have been
- 9 that the use of gates move the foot controls
- 10 over to the right side of your schematic which
- 11 are more hazardous foot controls?
- 12 A. No, no, no, that's not what the
- 13 article says.
- 14 Q. Okay.
- 15 A. What the article says is the likelihood
- 16 of riding the pedal increases from left to right
- 17 as you go to the gated unit.
- 18 As you go from completely open to
- 19 completely closed with the mousetrap, the
- 20 likelihood of riding the pedal goes up. And
- 21 that's a bad thing except when you solve the
- 22 problem like Linemaster has, and if you have
- 23 a -- if you have the locking plate plus single
- 24 stroke control on your machine, you have now

1	solved the problem. And so you are now able to	
2	take care of the accidental stepping onto the	
3	pedal which gets better and better as you have	
4	the gate in front and you are able to use that	
5	wonderful feature of the gate because you	
6	haven't introduced a new hazard in the machine.	
7	Q. Does Linemaster continue to sell the	
8	ungated foot control?	
9	A. Sure, they sell a full line of controls	
10	that do everything from completely unguarded	
11	the to, you know, this whole menu of things.	
12	Q. Has Linemaster ever indicated to your	
13	knowledge in any of their literature that using	
14	an ungated foot control on a press brake is	
15	dangerous?	
16	A. No, because they are not dummies. They	
17	don't tell you what foot control to use for a	
18	given machine. They don't do that. They leave	
19	that to the manufacturer of the machines to	
20	select from their menu and all the other	
21	competitors' menus, select the ones that are	
22	good for your machine.	
23	Linemaster doesn't tell you on a punch	
24	press to use this, on a press brake to use that.	142

- 1 Q. -- I thought you said that if the foot
- 2 control doesn't have a gate on it, you would
- 3 still consider that foot control to be
- 4 defective?
- 5 A. That's correct.
- 6 Q. Okay. Then I don't know what that
- 7 diatribe was. That's my point. So your -- so
- 8 the concept you are telling us today is that
- 9 regardless of whether or not that foot control
- 10 has a locking plate, if it doesn't have a gate,
- 11 it is defective?
- 12 A. That's correct.
- 13 Q. That's what I understood your testimony
- 14 to be.
- 15 A. But that's not enough.
- 16 Q. Go ahead.
- 17 A. But it is not enough. I also want the
- 18 locking plate on the thing.
- 19 Q. I understand what you are saying.
- 20 A. Okay, but --
- 21 Q. I understand what you are saying.
- 22 A. Okay, that's what I am saying.
- 23 Q. I am -- I was just trying to confirm
- 24 up, I am not sure why it keeps being said that

- 1 Q. I understand. Is that something the
- 2 end user does when they -- is that something an
- 3 end user does?
- 4 A. If you want to use HOOD, that's what
- 5 you have to do.
- 6 Q. Is HOOD a good philosophy?
- 7 A. HOOD is a -- one of the working
- 8 philosophies, but it is not particularly a good
- 9 one.
- 10 Q. Is HOOD a beneficial philosophy?
- 11 A. It -- overall it is not.
- 12 Q. Are there more disadvantages to HOOD
- than there are advantages to HOOD?
- 14 A. Well, there are --
- 15 Q. I am just trying to figure out what you
- 16 are saying. I don't understand.
- 17 A. What I am saying is the disadvantages
- 18 completely outweigh the advantages. That's why
- 19 HOOD has been no longer -- remember at one time,
- 20 I don't have to remind you of it, HOOD was put
- 21 into OSHA and said you are required to use HOOD
- 22 and they then after hearing said that was a
- 23 mistake, we will take it out, and so you no
- 24 longer have to do that.

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The -- it destroys Americans. You
1
     can't meet the code of ethics with HOOD.
2
     the engineers -- the engineering code of ethics
3
     says the following, "An engineer shall hold
4
     paramount the public safety, health and
5
     welfare," meaning their economic welfare, "in
6
     the discharge of his professional duties."
7
              If you triple the cost of every product
8
     that everybody has out there because you are
9
     using some dumb manufacturing process like HOOD,
10
     that is violating the code of ethics which is
11
      supposed to be a trade-off among safety, cost
12
      and function.
13
               And there are other ways of doing
14
      things. For example, a pull back device which
15
      is now illustrated profusely in the -- in the
16
      literature for press brakes, you put the things
17
      in, your hands are in the die, if it starts to
18
      come down, the pull back device pulls your hands
19
      out. It is used in every punch press.
20
               And that's something the end user is
          Q.
21
      best responsible for doing also?
22
                I agree, but it is a much better
          Α.
23
      philosophy. It is much more economical than the
24
                                                          154
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- 1 thing that you have. Don't have accidents. Use
- 2 appropriate safety devices. So they were not
- 3 specific and offered no one any guidance. In
- 4 1973 OSHA gave no guidance whatsoever.
- 5 Q. And you may have misspoken. You
- 6 mentioned ANSI when you first started saying
- 7 that.
- 8 A. But ANSI did.
- 9 Q. Okay, and so it satisfied ANSI?
- 10 A. Well, it didn't really satisfy ANSI.
- 11 Q. That's what I am trying to figure out,
- 12 what --
- 13 A. Here is the problem that you have with
- 14 ANSI --
- 15 Q. I thought your report said it did, but
- 16 go ahead.
- 17 A. Well, ANSI wants you to inhibit
- 18 accidental activation, inhibit which means to
- 19 minimize the accidental activation, and you
- 20 can't eliminate it. You can inhibit it. So
- 21 when you have devices out there that minimize or
- 22 inhibit the thing better than others, you are
- 23 obligated to use them. I mean, you know, all
- 24 you have to do is have a foot control and have a

- 1 cover on the thing and say, gee, the cover
- 2 inhibits the thing; okay?
- 3 Q. Do you know of any ANSI provision that
- 4 was violated by this foot control which she was
- 5 using?
- 6 A. I think that in my view there is one.
- 7 Q. Yes, you can give me a verse.
- 8 A. It is in my report.
- 9 Q. Yes, if you could. We have marked that
- 10 as Exhibit C and here it is.
- 11 A. Very good. Here is the number, it is
- 12 4.2.4.2.4, foot control actuation prevention,
- 13 "The foot control shall be protected so as to
- 14 inhibit accidental activation by falling or
- 15 moving objects or by somebody stepping on it."
- 16 That's what's been violated because you
- 17 haven't inhibited it, the -- which should ask
- 18 you to do the best job you can. Remember what
- 19 the name of the things are.
- Q. Did you ever testify before that this
- 21 relates to stepping onto -- whenever you were
- 22 representing the foot control industry or the
- 23 press brake industry, have you ever testified
- 24 under oath that this only relates to stepping

```
a footswitch. And that's what the supervisory
1
     key is all about. So if she couldn't do it --
2
     if I can't do it, how is she going to do it?
3
              Do you have any indication that the key
         Q.
     was lost at the time of her injury?
5
              No, no, no, I think they
         Α.
6
     deliberately said in order for her to do this
7
     thing, they have to turn the key and switch it
8
     over to foot and away from, you know, from the
9
      two-hand control, the hostage control, so
10
      they -- what I am saying is they have
11
      deliberately said this is where you want to do
12
      it and there is nothing she could do to switch
13
      back because they have locked out any point of
14
      operation device. She has now got to use the
15
      system that she is using.
16
               Did you read the --
          Q.
17
               It is tragic.
          Α.
18
               Did you read the testimony from the
          Q.
19
      employees that said she did have access to the
20
      key and that when they operated the press brake
21
       and performed the same function that she was
22
       operating that they used the two-palm button
 23
       switch?
 24
```

```
something that could cause her fingers to be cut
1
     off?
2
              I don't know one way or the other. I
         Α.
3
     have not seen any of that testimony.
4
               Have you ever been told by Mr. Hartman
5
     as to -- that you haven't been provided with all
6
     of the deposition transcripts?
7
               How would I know that I haven't been
          Α.
8
     provided with them all?
9
               I said has he ever told you that he
          Q.
10
     didn't give you all the deposition transcripts?
11
               No, he didn't say one way or the other.
        - A.
12
               Have you ever heard any explanation as
          Q.
13
      to why you would not have been provided with
14
      those employees' --
15
                No, we --
16
          Α.
                -- deposition transcripts?
          Q.
17
                -- just never discussed it.
          Α.
18
                Is that something you would want to
          Q.
19
20
      see?
                I don't know. I mean I don't need to
21
       see anything based on the opinions I am giving
22
23
       you.
                Is that something you would want to see
```

Q.

- 1 as an expert testifying in front of the jury?
- 2 A. Not with the testimony that I am giving
- 3 you. I have one, the one defect which is
- 4 completely independent of what those employees
- 5 have to say.
- 6 Q. Well, wouldn't her ability to choose
- 7 the point of the two-palm button switch have
- 8 some impact on your decision making?
- 9 A. Absolutely not because she doesn't know
- 10 anything about choosing point of operation. She
- 11 has been told to do something and she has done
- 12 exactly what she has been told to do.
- 13 Q. My point is there is contrary testimony
- 14 to that --
- MR. HARTMAN: I am going to object and --
- 16 THE WITNESS: I don't believe --
- 17 MR. HARTMAN: -- indicate for the record
- 18 that Mr. Robinson is mischaracterizing the
- 19 testimony. I am not going to go into detail so
- 20 he does -- says I don't taint this witness. But
- 21 he is clearly mischaracterizing the testimony in
- 22 such a way to formulate these questions which is
- 23 not supported by the depositions he has taken.
- No one has indicated that she had the ability to

- 1 report somebody to them, I am not allowed to
- 2 find out the disposition of the case, you know,
- 3 so you can't get the feedback you need to
- 4 evaluate them.
- 5 Q. And you believe you can represent
- 6 Linemaster relative to a foot control that was
- 7 sold with the Heim product or Rousselle product
- 8 and then represent a plaintiff against Heim or
- 9 Rousselle --
- 10 A. Oh, sure.
- 11 Q. -- relative to a foot control case?
- 12 A. Sure.
- 13 Q. Have you ever testified that you can't
- do such a thing, it would be unethical to do so?
- 15 A. No.
- 16 Q. Do you remember addressing with a
- 17 number of attorneys these -- this ethical issue
- 18 of representing one company and then
- 19 representing a party adverse to that same party
- 20 you represented?
- 21 A. Oh, I am sure, I am sure that has been
- 22 part of my presentations on occasion.
- 23 Q. Is there any situation where an ungated
- 24 foot control in use with a press brake is not

```
defective?
1
         Α.
               No.
2
               The testing that you did --
         Q.
3
               Yes
         Α.
4
               -- relative to this case, I understand
          Q.
5
     through Mr. Ulmenstein that all of the test
6
     subjects were employees at one time of Triodyne;
7
      is that correct?
8
               That is correct.
9
               Have you ever -- why didn't you go try
          Q.
10
      to find someone that's neutral?
11
               They were neutral.
                                    It is a
          Α.
12
      double blind test. Ulmenstein doesn't know what
13
      I was doing nor did the people know what I was
14
              Nobody knew what I was after and the
15
      doing.
      concepts behind it including Ulmenstein.
16
                Did you never tell them who you were
17
          Q.
      representing?
18
                Oh, it has nothing to do with
          Α.
19
      representing.
20
                Did you tell them who you were
           Q.
21
       representing?
22
                I don't think so, but that has nothing
23
       to do with it.
24
                                                           177
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- 1 when she was injured?
- 2 A. The best I can determine is that she
- 3 was either seated or leaning against the -- a
- 4 seat, that's the best. I have not interviewed
- 5 her, you know, to find out more.
- 6 Q. Your test involved standing people?
- 7 A Right.
- 8 Q. Dissimilar to the seated or leaning.
- 9 A. Of course they are dissimilar. I am
- 10 not trying to simulate what she is doing. I am
- 11 trying to do something much more effective.
- 12 Q. And what would that be?
- 13 A. I am trying to develop a worst case
- 14 scenario, the -- and that's what I did. I --
- 15 and I am really pleased that it worked almost
- 16 perfectly the first time, developed a scenario
- 17 that you almost 100 percent of the time will
- 18 accidently activate a switch. And as soon as I
- 19 put the gate on, it is 100 percent of the time
- 20 you will never activate the switch.
- 21 Q. You had people watch the video, you had
- 22 people standing there and stepping into the foot
- 23 control, one of which had a gate and one of
- 24 which did not; is that an accurate description?

- 1 A. Right, absolutely.
- 2 Q. That's not the way Tina Lindquist's
- 3 injury occurred; is it?
- 4 A. Of course not. It has nothing to do
- 5 with that.
- 6 Q. Is there any similarity in the test
- 7 that you conducted and the manner in which Tina
- 8 Lindquist was injured?
- 9 A. None whatsoever. That's not what the
- 10 test was for.
- 11 Q. Did Tina Lindquist ever tell you that
- 12 she accidently put her foot into the foot
- 13 control?
- 14 A. She didn't tell me anything.
- 15 Q. Did you ever read anything in her
- 16 testimony that indicated she accidently put her
- 17 foot into the foot control?
- 18 A. I don't recall her saying that. I
- 19 think she said she wasn't riding the pedal and
- 20 had taken her foot out of the control and
- 21 then -- but I don't recall her saying anything
- 22 about what she did. I don't know that she knew
- 23 what she did.
- Q. Have you assumed -- but you have

- 1 A. Yes.
- Q. And for that to have occurred she would
- 3 have had to accidently stuck her foot the entire
- 4 way in such that she activated that lock plate
- 5 that you mentioned; right?
- A. Absolutely right.
- 7 Q. Has she ever told you that she stuck
- 8 her foot all the way in and actuated that kick
- 9 plate?
- 10 A. Everything we know about her we will
- 11 have to get from her deposition because I didn't
- 12 interview her.
- 13 Q. Okay. And her deposition testimony did
- 14 not indicate that she stuck it all the way in
- 15 and hit that kick plate?
- 16 A. Right, I don't think she knows.
- 17 Q. Well, did you see that she has
- 18 indicated she did not accidentally put her foot
- 19 into that foot control?
- 20 A. I don't think she said that either.
- 21 Q. Do you have your summary of the --
- 22 A. Unfortunately --
- Q. Of her testimony?
- 24 A. I don't have the summary, and I didn't

1	Q. You indicated that she would have had	
2	to hit the kick plate to activate that press	
3	brake?	
4	A. Yes.	
5	Q. Isn't it possible for her to have been	
6	riding the pedal and for I think some of the	
7	instances you mentioned were sneezing to have	
8	occurred where you then hit the in the same	
9	way if your foot was outside the foot control	
10	but your foot is inside the foot control; isn't	
11	that possible?	
12	A. It is possible. The best I can tell	
13	you it is possible. It is really unlikely that	
14	that's going to happen.	
15	Q. Yeah, why would that be?	
16	A. Because anyplace where you see, the	
17	other pedals on the punch press, anyplace you	
18	touch down on the pedal you get a stroke.	
19	On this one you can't just push down	
20	anywhere. You have to first push your foot all	
21	the way back in and then come down on the thing	
22	and that the likelihood of doing this is	
23	diminimus compared to the punch press where if	
24	you ride the pedal, anyplace you touch it, you	205

- 1 are in trouble.
- Q. How much force was necessary on this
- 3 particular foot control to push that lock plate?
- 4 A. I don't think I measured the force.
- 5 Q. I guess you couldn't have because you
- 6 never saw the foot control; right?
- 7 A. No, no, no, I have duplicate, you
- 8 know, I have my own --
- 9 Q. No --
- 10 A. -- things. I don't think I have ever
- 11 measured it.
- 12 Q. I meant -- okay, you never measured on
- 13 any exemplar?
- 14 A. Right.
- 15 Q. -- with anyone whatsoever?
- 16 A. Right.
- 17 Q. What -- your opinion is that she
- 18 accidently stuck the foot in, hit the kick plate
- 19 and pushed down?
- 20 A. Yes.
- 21 Q. She went horizontally and then
- 22 vertically.
- 23 A. Right.
- Q. What caused her to do that in your

- 1 opinion?
- 2 A. The -- what happens is all you have to
- 3 do is reach for the part and reaching for the
- 4 part will shift your body forward to do this.
- 5 Q. Do you have any indication that that's
- 6 actually what happened here?
- 7 A. It has to have happened.
- 8 Q. How far did she move her body to reach
- 9 for the part?
- 10 A. The -- I don't know how far she moved
- 11 her body, but she is going to step up the
- 12 control in a convenient location so that she can
- 13 reach the -- put parts in and parts out and hit
- 14 the control in the most convenient way.
- 15 Q. How far does the foot -- what's the
- 16 minimum distance the foot would have to move to
- 17 enter the control, the foot control, activate
- the kick plate, and then depress the pedal?
- 19 A. Well, it would be the distance that her
- 20 foot has to move into the unit before it touches
- 21 the kick plate.
- 22 Q. Right.
- 23 A. It has to move in that much. I think
- 24 it is 4 or 5 inches. You know, I will get a

- 1 pedal and I will measure it.
- 2 Q. Has she ever said that her foot moved
- 3 4 or 5 inches?
- 4 A. Oh, she doesn't have a clue what her
- 5 foot is doing. If she knew that, she would not
- 6 have had the accident. I mean she doesn't want
- 7 to reach into the pedal. She wants to reach her
- 8 hands into the machine.
- 9 Q. Well, would leaning -- would the --
- 10 this, do you call this an involuntary movement
- 11 of the foot?
- 12 A. It is probably -- I think it is
- involuntary. I don't think it is a voluntary.
- 14 Voluntary, you know, you are advertently trying
- 15 to activate the machine. She doesn't want to
- 16 activate the machine. She wants to reach in
- 17 with her hands and doesn't want to put her foot
- on the foot pedal, she doesn't want to do that.
- 19 Q. Why couldn't this involuntary movement
- 20 of the foot occur if her foot was already inside
- 21 resting on the pedal? What's the difference?
- 22 A. It is -- it is so unlikely that that
- 23 would happen.
- Q. I am just trying to hear as to why.

```
1
         Α.
              Because --
              A11 --
2
         Q.
              -- you have --
3
         Α.
         THE COURT REPORTER: Pardon me, I can only
4
     get one at a time.
5
         MR. ROBINSON: Sorry.
6
         THE COURT REPORTER: So we have to wait for
7
     the answer to be finished and the same --
8
                       There is a very large movement
          THE WITNESS:
9
     you have to make with your foot to get to that
10
     back plate. You got to get -- you know, you
11
     have to do something to get to the back plate
12
     where on the punch press I don't care where you
13
      touch it, you touch it the front, the middle,
14
      anyplace. There is only one place that you can
15
      do it, you have got to get your foot in and then
16
      put the pressure down.
17
      BY MR. ROBINSON:
18
               I wanted you to explain it, all the
          Q.
19
      reasons that you know as to why her foot also
20
      couldn't have involuntarily moved forward while
21
      she was riding the pedal as opposed to moving
22
      the extra distance with the foot outside of the
23
      foot control?
24
                                                          209
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- 1 A. The -- if she is really riding the
- 2 pedal, she has already established an
- 3 equilibrium. And when she moves forward, it is
- 4 just like my foot on the ground, it will
- 5 actually resist movement.
- 6 You put your foot down, the friction
- 7 stops the thing from sliding forward. If she
- 8 has her foot resting on this pedal, the -- it
- 9 actually will stop her from moving forward into
- 10 this kick plate.
- 11 Q. Do you know where her foot was before
- 12 it began this involuntary movement forward?
- 13 A. She -- I think that she is reporting
- 14 her foot was not in the pedal at all.
- 15 Q. Do you know if it was on the ground?
- 16 A. Don't know where it is.
- 17 Q. Well, if it was on the ground, then
- 18 that would also suggest as you just indicated
- 19 that that friction would minimize the likelihood
- of the involuntary movement forward; right?
- 21 A. It is. It would do that if her foot
- 22 was on the ground. But if she is stepping
- forward and needs equilibrium because she is
- 24 reaching forward, you know, if you are standing

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THE COURT REPORTER: I just -- I can't get
1
     both of you. I am trying to get every single
2
     word --
3
         MR. ROBINSON: I understand.
4
         THE COURT REPORTER: -- and I can't get
5
     every word.
6
         MR. HARTMAN: Okay, I understand.
         THE WITNESS: We will slow down.
8
         MR. HARTMAN: Okay, I want to interject
9
     something, Mr. Robinson is being extremely
10
      argumentative with this witness. I have let it
11
      go on for way too long. There is a basic
12
      principle that's been applied to the situation.
13
          MR. ROBINSON: I object to your speaking
14
      comments again, Mr. Hartman.
15
          MR. HARTMAN: Okay, you are entitled to it.
16
      At some point in time this has to end. He
17
      cannot become argumentative with the witness.
18
      He cannot give a -- sit there and use his body
19
      ambulations and configurations to try and
20
      distort a well known fact by anyone who knows
21
      anything about the subject matter about the
22
      theory of ambulation.
23
24
                                                          233
```

1 BY MR. ROBINSON:

- Q. Sir, back to what we are talking about,
- 3 I am talking -- I know you said if you put your
- 4 feet behind you. I am talking about if you put
- 5 your feet flat on the ground, are your feet
- 6 moving when you lean your torso toward?
- 7 A. If I already have my feet in a stable
- 8 position that would allow me to reach forward --
- 9 Q. Yes.
- 10 A. -- with my feet in that position --
- 11 Q. Yes.
- 12 A. -- then I don't have to move them
- 13 forward anymore.
- Q. So how far back do your feet need to be
- 15 before they begin to move with the forward
- movement of the torso in a seated position?
- 17 A. You can't -- there is no way to answer
- 18 the question. There is no way to answer that
- 19 question.
- 20 Q. Aren't those significant --
- 21 A. You haven't given me the parameters to
- 22 answer.
- 23 Q. Aren't those significant questions to
- 24 know answers to when formulating an opinion as

- 1 to what Tina Lindquist did?
- 2 A. Absolutely not. I am not going to
- 3 speculate on what she did. She is going to be a
- 4 human being that you can ask all the questions
- 5 you want.
- The fact that you are not skillful
- 7 enough to get the information when you took her
- 8 deposition doesn't mean you are going to get it
- 9 from me on the basis of speculation. I am not
- 10 going to do that.
- I will give you principles, but I am
- not going to speculate what she was doing. If I
- 13 ask her the questions, then I would take
- 14 responsibility for all these -- all the
- 15 questions you are asking, but I haven't
- 16 interviewed her.
- 17 Q. Aren't you speculating that her foot
- 18 moved forward?
- 19 A. She said that she had her foot outside
- 20 of the unit.
- 21 Q. I said aren't you speculating that her
- 22 foot moved forward?
- 23 A. It is not speculation. That is a
- 24 scientific fact. If she has her foot outside of

- 1 the unit and she has made the unit activate to
- 2 hurt her hands, this is a one-note samba. It is
- 3 not like there is 11 different things that can
- 4 happen.
- 5 She has to step into the switch far
- 6 enough to push the pedal in, to push the lock
- 7 plate in, push down on the unit in order to have
- 8 a stroke that will hurt her so that we know this
- 9 working backwards.
- 10 Q. Do you know that OSHA in investigating
- 11 this accident indicated the foot control was
- 12 properly guarded?
- 13 A. I don't know anything of the kind.
- 14 Q. Did you review the OSHA?
- 15 A. You are certainly not going to try to
- 16 impress me with what OSHA knows about foot
- 17 pedals. I hope you are not going to try --
- 18 Q. I am --
- 19 A. -- to do that.
- 20 Q. -- not sure what you mean by that.
- 21 What do you mean by that?
- A. Well, first of all, I have had 19
- 23 contracts with OSHA where I developed a training
- 24 program that OSHA uses for their compliance

EXAMINATION 1 BY MR. HARTMAN: 2 I am sorry, I just have a couple. 3 Q. normally wouldn't ask questions, but at one time 4 and I think it is a mistake, but just clarify it 5 for me, you indicated that the Heim machine was 6 a 35 stroke per minute machine? 7 Α. Yes 8 And then another time you indicated Q. 9 that it was a 35 stroke per second machine. 10 think it is a 35 stroke per minute? 11 It is per minute. Α. 12 Q. Okay. 13 If it was per second, let me tell you 14 something, it is -- they have a name for it. It 15 is called a hummingbird. 16 I just -- I just don't want it to come 17 Q. back that you --18 Α. Right. 19 -- stated on the record --Q. 20 Thank you. Α. 21 The other issue I have is with regard 22 Q. to -- I will grab my note, give me a second, I 23 had it, you indicated that the -- is it ever 24 243

safe to have an unguarded foot pedal associated 1 with the press brake? 2 MR. ROBINSON: Object to the form of the 3 auestion. 4 On a general purpose machine THE WITNESS: 5 it is never safe because the number of scenarios 6 that you have when you have a tethered 7 footswitch that could find itself anyplace on 8 the floor, it means that the folks delivering 9 the new parts to the machine to be processed, 10 the folks that are picking up the finished 11 parts, the people who are doing adjustments and 12 lubrication of the machine, there is an army of 13 people who walk in the area where the footswitch 14 is located, any of these people can step 15 inadvertently into this machine and produce a 16 stroke and so, you know, the rule is to minimize 17 the probability of accidental activation for the 18 environment that the -- that these switches find 19 themselves. 20 And the -- there is no such thing when 21 you have a switch that is meant to be activated 22 by a human being as making it so that you could 23 never activate it because then you could never 24 244

```
run the machine.
1
              So what we are trying to do is get
2
     controls such that they are sensitive to when we
3
     want them to work, they work. When we don't
4
     want them to activate, they don't.
5
              And that is a real challenge for the
6
     technical community and, you know -- you know, I
7
     am very proud of the fact that some of the
8
     people who make footswitches have been improving
9
     their menu of potential devices so that
10
     machinery manufacturers can pick ones that come
11
     closer to this goal of minimizing accidental
12
      activation.
13
          MR. HARTMAN: No further questions.
14
          THE WITNESS: I do -- I think I have to add
15
      something to the thing. Remember I told you
16
      that I also have made a mistake in the report
17
      and you didn't ask me what that was.
                                            But if we
18
      would -- if you could give me the Triodyne
19
      report, it is one word.
20
          MR. ROBINSON: The illustrated?
21
          THE WITNESS: Yes. Did you see that in
22
23
      there?
          MR. ROBINSON: I did. And that's why I
24
                                                         245
```

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EXHIBIT "C"

IN THE U.S. DISTRICT COURT FOR THE WESTERN DISTRICT OF PA

* * * * * * * *

*

TINA LINDQUIST,

Plaintiff * Case No.

vs.

* 04-249E

HEIM L.P.,

Defendant



* * * * * * *

DEPOSITION OF

KEVIN MESSINGER

JULY 21, 2005

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```
25
           No. No.
1
   Α.
           If you look at Exhibit A, Corry
2
   Exhibit A, photograph number three, ---
3
           Uh-huh (yes).
4
           --- it shows as pedestal and
5
    0 .
    shows a foot switch. Do you see that?
6
           Yes.
7
    Α.
           Were those the pedestal and the
8
    Q.
    foot switch that were existing at the
9
    time of Tina Lindquist's injury?
10
           Yes.
11
    Α.
            Do you know where this foot
12
    switch came from?
13
            That came with the press.
14
    Α.
            Are you certain of that?
15
    Q -
            Yes.
16
    Α.
            And how do you know that?
17
    ο.
            Because at the time that's the
18
    Α.
    only thing that was on the press.
19
    added the pedestal to the two-hand
20
    control.
21
            Were you involved with
22
    0.
    installing this press brake?
23
            No.
24
    Α.
            Were you present when it was
25
    Q.
```

```
26
   delivered?
1
           Yes, I was here.
2
           Did you see it come with this
3
    foot switch which is shown in this
4
    photo?
5
           Yes.
    Α.
6
           Who was involved with installing
7
    Q.
    it?
8
           I don't remember.
    Α.
9
            Okay.
10
            I can't really remember. At the
11
    time --- we had so many machines come
12
    through.
13
            If you think of it later, you
14
    Q .
    can let us know?
15
            Yeah. That one there I've got
16
    to think about.
1.7
            Do you know who manufactured
18
    this foot switch?
19
           No, I don't.
20
    Α.
            Do you know if it was sold with
21
    the press brake when Heim sold it in
22
    1978?
23
           To my understanding, yes.
24
    Α.
            Do you know?
25
    Q.
```

```
27
           No. I actually don't know.
   Α.
1
   know it came in with it.
2
           But you don't know if the
3
   auctioneer or any type of middle person
4
   supplied that with the press brake to
5
   Corry Manufacturing?
6
           No, I can't say.
7
   Α.
           Do you remember any markings on
8
   that foot switch that might identify
9
    its manufacturer?
10
      I can remember the plate, but I
11
    Α.
    cannot remember the maker of it.
12
           Did the plate say Heim on it or
13
    some other name?
14
           No. That's a --- it would be
15
    --- just got a foot switch that's put
16
                       That I do know.
    on many machines.
17
           You do know that it did not say
18
    0.
19
    Heim?
           It did not say Heim.
20
    Α.
           Okay. Do you know if this foot
21
    switch had been used on any other
22
    machines at Corry?
23
           No, only on that machine.
24
    Α.
           Are foot switches unique to
25
```

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EXHIBIT "D"

IN THE U.S. DISTRICT COURT FOR THE WESTERN DISTRICT OF PA

* * * * * * * *

*

TINA LINDQUIST,

Plaintiff * Case No.

vs. * 04-249E

HEIM L.P., *

Defendant *

DEPOSITION OF

GARY MERKLE

JULY 21, 2005

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```
10
    switched the operation of the press
1
    brake from the foot switch to the
2
3
    two-palm button switch after the
    accident; is that right?
4
           No. We went --- rephrase that.
5
           Do you remember Corry changing
6
    the foot switch application to this
7
    press brake to the two-palm button
8
    switch before the light curtains
9
    arrive?
10
           What I remember is the machine
11
    came in with only the foot switch. We
12
    added the palm buttons.
13
          And that was before the
14
    accident?
15
           That's correct.
16
           I was actually talking about
17
    Q.
    after the accident. Do you remember
18
    the foot switch being deactivated?
19
20
           Yes.
    Α.
           In any event, your point is well
21
           Corry did all of that; right?
22
    They installed the two-palm button
2.3
    switch before the accident?
24
25
           That's correct.
    Α.
```

```
44
          Why did Corry purchase the parts
1
    Q.
    and instruction manual back in February
2
    of 1999?
3
           I don't know precisely, but
                                         all
4
    I can gather is that we didn't get one
5
    with the machine when it came in.
б
7
          And you mentioned that the
    machine was purchased at an auction?
8
          Correct.
9
    Α.
           And do you know from whom the
10
    machine was purchased?
11
           I believe it was Allied, an
12
    Allied auction.
13
           Yes. That's what the paperwork
14
    Q -
    shows as well, too. Do you know if the
15
    machine was purchased by Corry at that
16
    auction with the foot switch?
17
           I believe so, but I'm not sure.
1.8
           Who would know that, if the
19
    press brake came with a foot switch at
20
    the time it was purchased by Corry at
21
22
    the auction?
           Whoever installed it here.
2.3
    Possibly Jan Oviat.
24
           What is Jan's title?
25
    Ο.
```

```
111
1
    out at the plant the key is not in the
2
    two-palm switch console. Who keeps the
3
    key?
4
    Α.
            The supervisor would keep it.
5
            So the supervisor ---?
    0.
6
    Α.
            Set-up person, supervisor.
7
            So the supervisor would take the
8
    key and place it in either the
9
    two-prong switch or the foot pedal mode
10
    and then take the key and that's how it
11
    would operate?
12
    Α.
            The set-up person.
13
            But it's someone other than the
14
    operator?
15
    Α.
           Yes.
16
                   ATTORNEY ROBINSON:
17
                   Are you saying the key
18
            would not ---?
19
                   ATTORNEY HARTMAN:
20
                   May I finish?
21
                   ATTORNEY ROBINSON:
22
                   I thought you were done.
23
             I'm sorry.
24
    BY ATTORNEY HARTMAN:
25
    Ο.
            So the key is not just left in
```